

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10534210
Filing Date	2006-03-17
First Named Inventor	Salas
Art Unit	1656
Examiner Name	Not yet assigned
Attorney Docket Number	4408-P03626US00

U.S.PATENTS

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	2	4759928		1988-07-26	Gurusiddaiah	
	3	6815465		2004-11-09	Makk	

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	1	3607287	DE		1988-01-07	Dorgerloh		<input checked="" type="checkbox"/>

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2	09227549	JP	1997-09-02	Wakabayashi	<input checked="" type="checkbox"/>
3	01/68867	WO	2001-09-20	Leadlay	<input type="checkbox"/>
4	01/09113	WO	2001-02-08	Makk	<input type="checkbox"/>
5	8173176	JP	1996-07-09	Wakabayashi	<input checked="" type="checkbox"/>

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	1	Anderson, B.F., et al., (1989) "Crystal and molecular structures of two isomorphous solvates of the macrolide antibiotic borrelidin: absolute configuration determination by incorporation of a chiral solvent in the crystal lattice," Aust. J. Chem., 42:717-730.	<input type="checkbox"/>
	2	Anderton, K., et al., (Apr. 17, 1965) "Some structural features of borrelidin, an anti-viral antibiotic," Nature 206:269.	<input type="checkbox"/>
	3	Aparicio, J.F., et al., (1996) "Organization of the biosynthetic gene cluster for rapamycin in Streptomyces hygroscopicus: analysis of the enzymatic domains in the modular polyketide synthase," Gene 169:9-16.	<input type="checkbox"/>
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6	Berger, J., et al., (1949) "Borrelidin, a new antibiotic with anti-borrelia activity and penicillin enhancement properties," Arc. Biochem. 22:476-478.	<input type="checkbox"/>
7	Brautaset, T., et al., (May 23, 2000) "Biosynthesis of the polyene antifungal antibiotic nystatin in Streptomyces noursei ATCC 11455: analysis of the gene cluster and deduction of the biosynthetic pathway," Chem. Biol. 7:395-403.	<input type="checkbox"/>
8	Butler, A.R., et al., (Apr. 8, 1999) "Impact of thioesterase activity on tylisin biosynthesis in Streptomyces fradiae," Chem. Biol. 6:287-292.	<input type="checkbox"/>
9	Caffrey, P., et al., (2001) "Amphotericin biosynthesis in Streptomyces nodosus: deductions from analysis of polyketide synthase and late genes," Chem. Biol. 8:713-723.	<input type="checkbox"/>
10	Cheng, Y.Q., et al., (Mar. 18, 2003) "Type I polyketide synthase requiring a discrete acyltransferase for polyketide biosynthesis," Proc. Natl. Acad. Sci. USA. 100:3149-3154.	<input type="checkbox"/>
11	Cortés J., et al., (Nov. 8, 1990) "An unusually large multifunctional polypeptide in the erythromycin producing polyketide synthase of Saccharopolyspora erythraea," Nature 348:176-178.	<input type="checkbox"/>
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15	Donadio, S., et al., (May 3, 1991) "Modular organization of genes required for complex polyketide biosynthesis," Science 252:675-679.	<input type="checkbox"/>
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17	Duffey, M.O., et al., (2003) "Enantioselective total synthesis of borrelidin," J. Am. Chem. Soc. 125:1458-1459.	<input type="checkbox"/>
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26	Bantleon, R., et al. (Apr. 1994) "Chloroperoxidase from <i>Streptomyces lividans</i> : Isolation and characterization of the enzyme and the corresponding gene," J. Bact. 176(8):2339-2347	<input type="checkbox"/>
27	Hunziker, D., et al., (1998) "Primer unit specificity in rifamycin biosynthesis principally resides in the later stages of the biosynthetic pathways," J. Am. Chem. Soc. 120:1092-1093.	<input type="checkbox"/>

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28	Kawamura, T., et al., (Aug. 2003) "Anti-angiogenesis effects of borrelidin are mediated through distinct pathways: Threonyl-tRNA synthetase and caspases are independently involved in suppression of proliferation and induction of apoptosis in endothelial cells," <i>J. Antibiot.</i> 56:709-715.	<input type="checkbox"/>
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34	Olano, C., et al., (2003) "Evidence from engineered gene fusions for the repeated use of a module in a modular polyketide synthase," <i>Chem. Commun.</i> 2780-2782.	<input type="checkbox"/>
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36	Otani, A., et al., (Jan. 8, 2002) "A fragment of human TrpRS as a potent antagonist of ocular angiogenesis," <i>Proc. Natl. Acad. Sci. USA</i> 99:178-183.	<input type="checkbox"/>
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45	Rudd, B.A.M., et al., (Aug. 12-18, 1990) "The biosynthesis of a family of novel antiparasitic macrolides," Proceedings of the 6th International Symposium on the Genetics of Industrial Microorganisms. Strausbourg, France. Abstract A70. p.96. ISBN 2-87805-004-5. (and 2 additional sheets)	<input type="checkbox"/>
46	Schwecke, T., et al., (Aug. 1995) "The biosynthetic gene cluster for the polyketide immunosuppressant rapamycin," Proc. Nat. Acad. Sci. USA 92:7839-7843.	<input type="checkbox"/>
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Signature	/RCN/	Date (YYYY-MM-DD)	2007-09-06
Name/Print	Robert C. Netter, Jr., Ph.D., J.D.	Registration Number	56,422

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